AIRBUS

CUSTOMIZATION	AIRCRAFT TYPES	DOCTYPES	REVISION DATE	REVISION NUMBER	TITLE
SIA	A350	Line Maintenance	01-Feb-2025	093	A350-A-25-44-XX-01001-04CA-A - Razor Supply
TAIL NUMBER - MSN - FSN:					
Print date: 2025-02-28 01:05:08					

DM status information

DM Code	:	A350-A-25-44-XX-01001-04CA-A
Airline	:	SIA
Issue Number	:	012
Issue Date	:	Sep 01/23
Breakdown Title	:	Razor Supply
DM Title	:	Razor Supply
Applicability	:	***ON A/C MSN ALL***
Aircraft Type	:	A350
DM Producer	:	FAPE3
Language	:	Simplified English
Copyright	:	A350-A-00-65-XX-10000-021A-D

ON A/C MSN ALL

1. Overview

   A. Overview

   The razor supply system has mini inverters and razor sockets. It supplies power to operate the shavers through the electrical outlets.

2. Function/Description

   ON A/C MSN 0026, 0030, 0031, 0037, 0041, 0054, 0062, 0068, 0077, 0081, 0084, 0096, 0099, 0107, 0116, 0122, 0133, 0140, 0158, 0170, 0186, 0216, 0220, 0223, 0230, 0232, 0238, 0244, 0329, 0341, 0344, 0348, 0364, 0460, 0472, 0564, 0569, 0599, 0629, 0665, 0697

   A. Component Description

   (1) Mini Inverter in the Crew Rest Compartments (CRC):349MR200MG (INVERTER-MINI,FCRC),349MR920MX (INVERTER-MINI,CCRC)

   Ref. Fig. Razor Supply System - Component Description - Mini Inverter
   The mini inverter has one printed circuit board. The mini inverter receives 115VAC with variable frequency from the lavatory lighting system and the reading light system. It changes these frequencies to 60Hz and supplies 115VAC to the electrical outlet.

   (2) Razor Socket in the CRCs:499MR920MX (SOCKET-RAZOR,CCRC),499MR200MG (SOCKET-RAZOR,FCRC)

   Ref. Fig. Razor Supply System - Component Description - Razor Socket
   The razor socket is an electrical outlet which has two contacts for the European shaver plugs and two contacts for the American shaver plugs.

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3. Location

ON A/C MSN ALL

A. Location

Ref. Fig. Razor Supply System - Component Location
You can install the mini inverters and the razor sockets in the lavatories and in the CRCs.
In the lavatories, the mini inverters are installed:

- Behind the mirrors or
- On the top of the lavatories or
- In the cabinet dispenser assemblies.

In the lavatories, the razor sockets are installed:

- Below the mirrors or
- Above the mirrors.

For the location of the razor sockets and the mini inverters in the CRCs Ref. SD A350-A-25-51-XX-01ZZZ-04CZ-A.

4. Interface

A. Interface

The razor supply system can have electrical interfaces with:

- The reading lights Ref. SD A350-A-33-25-XX-01ZZZ-04CZ-A
- The Cabin Intercommunication Data System (CIDS) cockpit and interconnection Ref. SD A350-A-44-11-XX-01ZZZ-04CZ-A
- The lavatory lighting Ref. SD A350-A-33-24-XX-01ZZZ-04CZ-A.

5. Power Supply

ON A/C MSN 0026, 0030, 0031, 0037, 0041, 0054, 0062, 0068, 0077, 0081, 0084, 0096, 0099, 0107, 0116, 0122, 0133, 0140, 0158, 0170, 0186, 0216, 0220, 0223, 0230, 0232, 0238, 0244, 0329, 0341, 0344, 0348, 0364, 0460, 0472, 0564, 0569, 0599, 0629, 0665, 0697

A. Power Supply for the CRCs

Ref. Fig. Razor Supply System - Power Supply
The 115VAC main busbars supply power to the mini inverters through the lavatory lighting system and the reading light system.
For more information about the power supply, refer to the related schematic diagram Ref. SD A350-A-33-24-XX-01ZZZ-04CZ-A.
The 115VAC main busbars supply power to the razor sockets through the mini inverters.
For more information about the power supply, refer to the related schematic diagram

- Cabin Crew Rest Compartment (CCRC): Ref. AWD A350-A-25-51-XX-12ZZZ-059Z-A
- Flight Crew Rest Compartment (FCRC): Ref. AWD A350-A-25-51-XX-05ZZZ-059Z-A.

ON A/C MSN ALL

Figure ICN-A350-A-254400-A-FAPE3-00P1E-A-001-01 SHEET 1/1 - Razor Supply System - Component Description - Mini Inverter

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Figure ICN-A350-A-254400-A-FAPE3-00P1F-A-002-01 SHEET 1/1 - Razor Supply System - Component Description - Razor Socket

Figure ICN-A350-A-254400-A-FAPE3-00P3R-A-003-01 SHEET 1/2 - Razor Supply System - Component Location

Figure ICN-A350-A-254400-A-FAPE3-00T6N-A-003-01 SHEET 2/2 - Razor Supply System - Component Location

Figure ICN-A350-A-254400-A-FAPE3-00P3S-A-004-01 SHEET 1/1 - Razor Supply System - Power Supply

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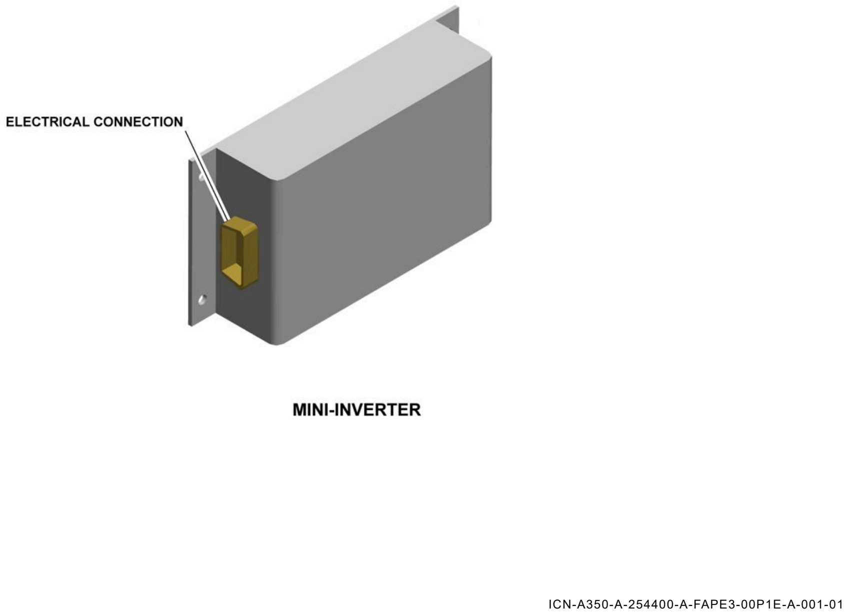

Figure ICN-A350-A-254400-A-FAPE3-00P1E-A-001-01 (SHEET 1) - Razor Supply System - Component Description - Mini Inverter
ON A/C MSN ALL

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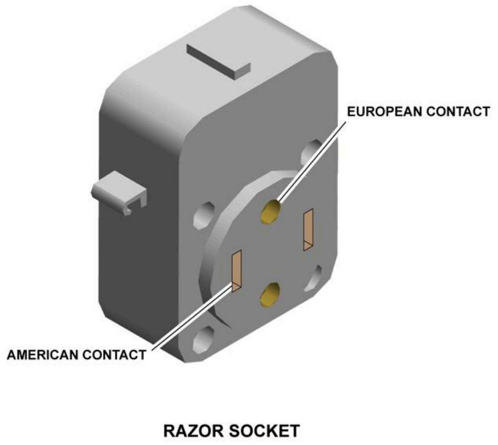

Figure ICN-A350-A-254400-A-FAPE3-00P1F-A-002-01 (SHEET 1) - Razor Supply System - Component Description - Razor Socket
ON A/C MSN ALL

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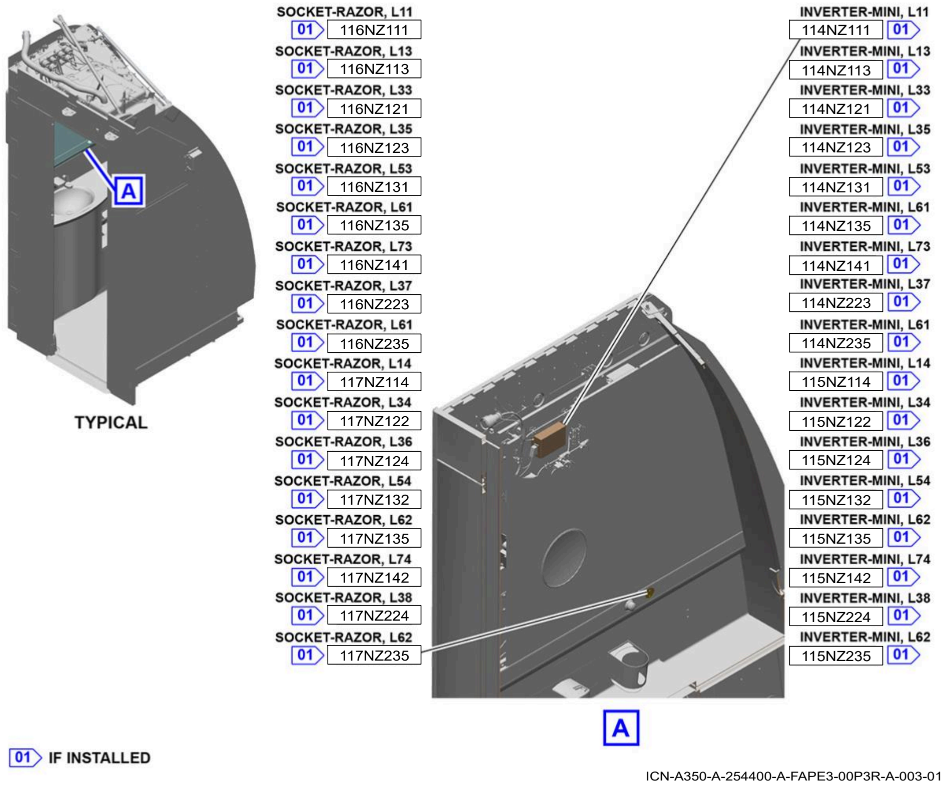

Figure ICN-A350-A-254400-A-FAPE3-00P3R-A-003-01 (SHEET 1/2) - Razor Supply System - Component Location
ON A/C MSN ALL

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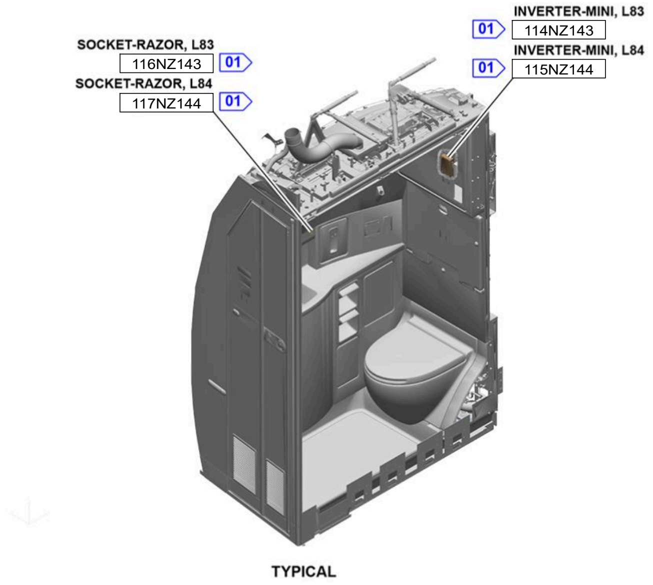

Figure ICN-A350-A-254400-A-FAPE3-00T6N-A-003-01 (SHEET 2/2) - Razor Supply System - Component Location
ON A/C MSN ALL

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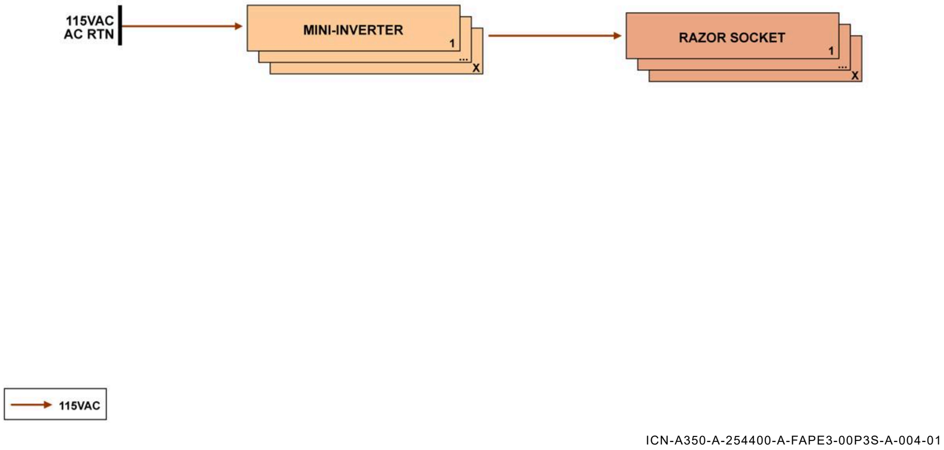

Figure ICN-A350-A-254400-A-FAPE3-00P3S-A-004-01 (SHEET 1) - Razor Supply System - Power Supply ON A/C MSN ALL

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